

gridlocks – can you unlock the grid?

Periodic Table 2

You will need a copy of the Periodic Table of the elements to answer these gridlocks.

Gridlock 1

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6. Use your problem solving skills to fill in the blank boxes.

period 2		period 3	
boron			sulfur
	oxygen		
			boron
		carbon	
period 3		period 2	

Gridlock 2

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
	boron		sulfur
			aluminium
silicon			nitrogen
period 3		period 2	

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Gridlock 3

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
carbon			
		sulfur	
		indium	
	arsenic		
period 4		period 5	

Gridlock 4

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
boron			sulfur
	oxygen		
			indium
		tin	
period 4		period 5	

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Periodic Table 2 – answers

You will need a copy of the Periodic Table of the elements to answer these gridlocks.

Puzzle 1 – answers

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6. Use your problem solving skills to fill in the blank boxes.

period 2		period 3	
boron	carbon	phosphorus	sulfur
nitrogen	oxygen	aluminium	silicon
silicon	phosphorus	oxygen	boron
sulfur	aluminium	carbon	nitrogen
period 3		period 2	

Puzzle 2 – answers

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
nitrogen	boron	silicon	sulfur
oxygen	carbon	phosphorus	aluminium
aluminium	phosphorus	oxygen	carbon
silicon	sulfur	boron	nitrogen
period 3		period 2	

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Puzzle 3 – answers

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
carbon	oxygen	phosphorus	aluminium
nitrogen	boron	sulfur	silicon
selenium	germanium	indium	antimony
gallium	arsenic	tin	tellurium
period 4		period 5	

Puzzle 4 – answers

Each row, column and 2 x 2 box contains an element from groups 3, 4, 5 and 6.

period 2		period 3	
boron	carbon	phosphorus	sulfur
nitrogen	oxygen	aluminium	silicon
germanium	arsenic	tellurium	indium
selenium	gallium	tin	antimony
period 4		period 5	